

PI 558508-continued

origin: United States. **origin institute:** Nebraska Agr. Exp. Sta., 309 KH, Lincoln, Nebraska 68583-0915. **cultivar:** SGL6. **pedigree:** (SGL-ms2ms2) X (30-50 elite lines)6. Each year from 1985 - 1990, a group of elite lines and cultivars were mated to F2 ms2ms2 plants of the previous year's intermating. **other id:** GP-137. **group:** CSR-SOYBEAN. **remarks:** Population segregating for ms2 form of genetic male-sterility. Developed by quasi-backcross procedure that introgressed six annual sets of maturity group 00 to V elite germplasm in existing population SGL. The six sets were the best yielding lines (annually for six seasons) across the northcentral U.S. Exceptional germplasm for any northcentral U.S. breeding program. Breeding Material. Seed.

PI 558509. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Specht, J.E., Nebraska Agr. Exp. Sta., University of Nebraska, Lincoln, Nebraska, United States. Received December 06, 1991.

origin: United States. **origin institute:** Nebraska Agr. Exp. Sta., University of Nebraska, 309 KH, Lincoln, Nebraska 68583. **cultivar:** SGL. **pedigree:** (39 female ancestral and other lines) X (4 male lines ms2ms2). Intermated in 1983, 1984, and 1985 by advancing seed only from male-sterile plants. **other id:** GP-53. **source:** Crop Sci. 25(4):717-718 1985. **group:** CSR-SOYBEAN. **remarks:** Soybean population segregating for ms2 form of genetic male-sterility. Developed by crossing 39 ancestral germplasm (and a few other lines) to four lines heterozygous for ms2. In the F2 bulk generation of 156 crosses, only male-sterile plants bearing outcrossed seed were harvested and advanced. Two more random matings were conducted, the last in 1985. Contains considerable amount of genetic diversity. Useful. Breeding Material. Seed.

PI 558510. *Triticum aestivum* L. POACEAE Common wheat

Donated by: Peterson Jr., C.J., Washington Agr. Exp. Sta., Pullman, Washington, United States. Received December 06, 1991.